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MULTICHANNEL SPECTRAL MAPPING AUDIO
APPARATUS AND METHOD

ABSTRACT OF THE DISCLOSURE

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A method and circuit for deriving a set of multichannel audio signals from a conventional monaural or stereo audio signal uses an auxiliary multichannel spectral mapping data stream. Audio can be played back in stereo and multichannel formats from a conventional stereo signal on compact discs, FM radio, or other stereo or monaural delivery systems. The invention reduces the data rate needed for the transmission of multichannel digital audio.

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